

## General Programme

Thursday, 19 May 2011

*"Prof. dr. IULIAN DRĂCEA" Aula Magna*

11<sup>00</sup> – 11<sup>45</sup> – "Doctor Honoris Causa" awarding to Prof. dr. Mihail Dumitru,  
USAMV Bucuresti

11<sup>45</sup> – 12<sup>30</sup> – "Doctor Honoris Causa" awarding to Prof. dr. Vasile Cristea,  
University Babes – Bolyai, Cluj - Napoca

**12<sup>30</sup> – 14<sup>00</sup> – Lunch**

14<sup>00</sup> – 14<sup>20</sup> – Registration at Faculty of Food Processing Technology

14<sup>20</sup> – 14<sup>30</sup> – Opening of Conference

*„Yellow” Amphitheatre- Faculty of Food Processing Technology  
Banat’s University of of Agricultural Sciences and Veterinary Medicine, Timișoara, Romania*

14<sup>30</sup> – 15<sup>30</sup> – Plenary Lecture PL<sub>1</sub>

15<sup>30</sup> – 16<sup>10</sup> – Plenary Lecture PL<sub>2</sub>

16<sup>10</sup> – 16<sup>30</sup> – Invited Lecture IL<sub>1</sub>

16<sup>30</sup> – 16<sup>50</sup> – Invited Lecture IL<sub>2</sub>

16<sup>50</sup> – 17<sup>10</sup> – Invited Lecture IL<sub>3</sub>

17<sup>10</sup> – 17<sup>30</sup> – Invited Lecture IL<sub>4</sub>

17<sup>30</sup> – 18<sup>00</sup> – Invited Lecture IL<sub>5</sub>

**20<sup>00</sup> – Conference dinner**

Friday, 20 May 2011

**10<sup>00</sup> – 10<sup>30</sup> – Coffee break**

10<sup>30</sup> – 10<sup>50</sup> – Invited Lecture IL<sub>6</sub>

10<sup>50</sup> – 11<sup>10</sup> – Oral Communication OC<sub>1</sub>

11<sup>10</sup> – 11<sup>30</sup> – Oral Communication OC<sub>2</sub>

11<sup>30</sup> – 11<sup>50</sup> – Oral Communication OC<sub>3</sub>

11<sup>50</sup> – 12<sup>00</sup> – Oral Communication OC<sub>4</sub>

12<sup>00</sup> – 12<sup>10</sup> – Oral Communication OC<sub>5</sub>

12<sup>10</sup> – 12<sup>20</sup> – Oral Communication OC<sub>6</sub>

12<sup>20</sup> – 12<sup>30</sup> – Oral Communication OC<sub>7</sub>

**12<sup>30</sup> – 13<sup>30</sup> – Coffee break and posters**

**13<sup>00</sup> – Concluding Remarks**

## Scientific Programme

1<sup>st</sup>. Day – 19 May 2011

### The 2<sup>nd</sup> International Conference on Food Chemistry, Engineering & Technology

*Yellow” Amphitheatre- Faculty of Food Processing Technology  
Banat’s University of of Agricultural Sciences and Veterinary  
Medicine, Timișoara, Romania*

**14<sup>00</sup> – 14<sup>20</sup>** **Registration at Faculty of Food Processing Technology**

**14<sup>20</sup> – 14<sup>30</sup>** **Opening of Conference**

**Prof. Dr. Ing. Teodor Ioan Trașcă**, Dean of Faculty of Food Processing Technology

**14<sup>30</sup> – 15<sup>15</sup>** Globalized food crisis and its eco-bio-economics impact on food Security - **Acad. Alexandru T. Bogdan** - *Romanian Academy*

*Chaired by: Prof. Dr. Ing. Constantin Mateescu*

**15<sup>15</sup> – 16<sup>15</sup>** **PL<sub>1</sub>**: The chemistry of vanadium with amino acids and their derivatives. relevance to health and disease

**Athanasios Salifoglou** - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Greece*

**16<sup>15</sup> – 17<sup>00</sup>** **PL<sub>2</sub>**: Minerals in food

**Iosif Gergen** - *Banat’s University of Agricultural Science and Veterinary Medicine Faculty of Food Technology, Dep. of Food Control, Timisoara, Romania*

**17<sup>00</sup> – 17<sup>30</sup>** **IL<sub>1</sub>**: Pesticide Residues in Organic Seed

**Thomas G. Nagel** - *The Center for Agricultural Technology Augustenberg, Department 21 - Organic Analysis, Nesslerstrasse 23 - 31, 76227 Karlsruhe, German*

**17<sup>30</sup> – 17<sup>40</sup>** **IL<sub>2</sub>**: Evolution of antioxidant activity in sea buckthorn during technological treatments

**Elena Cristea** - *National Center of Alcoholic Beverages Testing, Chișinău, Republic of Moldova*

## Scientific Programme: 19-20 May 2011

---

- 17<sup>40</sup> – 17<sup>50</sup>** **IL<sub>3</sub>**: The effect of acute homocysteine administration on superoxide dismutase activity in young and aged rats  
**Cristina-Sorina Cătană**, Elena-Cristina Crăciun, Vl. Șandor, Maria Dronca, Camelia Moldovan, Ioana Berindan Neagoe, Victor Cristea - *"Iuliu Hatieganu" University of Medicine and Pharmacy Cluj-Napoca, Cluj-Napoca, Romania*
- 17<sup>50</sup> – 18<sup>00</sup>** **IL<sub>4</sub>**: Research on the rheometric elements of the potato dough and the influence of measured variables upon bread quality  
**Maria Lidia Iancu**, Luiza Mike, Günter Haubelt - *"Lucian Blaga" University of Sibiu, Faculty of Agricultural Science, Food Industry and Environmental Protection, Food Biotechnology Department, Sibiu, Romania*
- 18<sup>00</sup> – 18<sup>10</sup>** **IL<sub>5</sub>**: Influence of foliar fertilizer treatments, fungicides and insecticides on the quality of some wheat varieties  
**Man Simona**, Muste Sevastița Birou Anamaria, Mureșan V., Cerbu Andruta Elena - *University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, Cluj-Napoca, Romania*
- 20<sup>00</sup>** – **Conference dinner**

2<sup>nd</sup>. Day – 20 May 2011

*Chaired by: Prof. Dr. Ing. Iosif Gergen*

**10<sup>00</sup> – 10<sup>30</sup> – Coffee break and posters**

- 10<sup>30</sup> – 10<sup>50</sup>** **IL<sub>6</sub>:** Sweet sorghum biomass processing with a view to manufacture food and juice derivative products  
Eugen Iorga, **Elena Pirgari**, Gheorghe Moraru, - *Institution of Researches and Practice for Horticulture, Viticulture and Food Technologie, Republic of Moldova*
- 10<sup>50</sup> – 11<sup>10</sup>** **OC<sub>1</sub>:** Microbiological Quality of a Fermented Dairy Product Containing Brewer's Yeasts  
**Adriana Păucean**, Ancuta-Mihaela Rotar, Mirela Ana-Maria Jimborean, Dan Cristian Vodnar, Elena Mudura - *Dept. of Food Science and Technology, Faculty of Agriculture, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania*
- 11<sup>10</sup> – 11<sup>30</sup>** **OC<sub>2</sub>:** Influence of iron and vitamins compounds on the quality of wheat flour during the storage  
**Svetlana Popel**, Elena Draganova, Lidia Parshakova, Alexandra Colesnichenko, Liudmila Evtodienko, Janna Crototova - *Institution of Researches and Practice for Horticulture, Viticulture and Food Technologies, Republic of Moldova*
- 11<sup>30</sup> – 11<sup>50</sup>** **OC<sub>3</sub>:** Substantiation of recipes of functional drinks with antioxidant properties  
Parshakova Lidia, **Popel Svetlana**, Colesnichenko Alexandra, Evtodienko Liudmila, Crototova Janna, - *Institution of Researches and Practice for Horticulture, Viticulture and Food Technologies, Republic of Moldova*
- 11<sup>50</sup> – 12<sup>00</sup>** **OC<sub>4</sub>:** Obtaining and characterization of some peach (*Persica vulgaris*) carotenoidic extracts  
**Delia-Gabriela Dumbravă**, Nicoleta-Gabriela Hădărugă, Camelia Moldovan, Adina Negrea, Mărioara Drugă - *University of Agricultural Sciences and Veterinary Medicine of Banat Timișoara, Food Technology Faculty, 119 A, Aradului street, 300645, Timișoara, Romania*
- 12<sup>00</sup> – 12<sup>10</sup>** **OC<sub>5</sub>:** Gas-chromatography from the GC-MS analysis for the walnut oil grown in Romania  
**Viorica-Mirela Popa**, Nicoleta Hadaruga, D. Hadaruga, Alexandra Gruia, Diana-Nicoleta Raba, Camelia Moldovan, Atena-Mariana Poiana - *Banat's University of Agricultural Sciences and Veterinary Medicine, 300645-Timisoara, Calea Aradului, 119, Romania*

## Scientific Programme: 19-20 May 2011

---

**12<sup>10</sup> – 12<sup>20</sup>** **OC<sub>6</sub>**: Research concerning the efficiency of hygienization of the working areas at pig slaughtering

**Dorin Țibulcă**, Claudiu Dan Sălăgean, Mirela Jimborean, Gheorghe Ștețca - *University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur Street, 3400 Cluj-Napoca, Romania*

**12<sup>20</sup> – 12<sup>30</sup>** **OC<sub>7</sub>**: Evaluation of surface cleaning methods on mycotoxin contamination of winter wheat

**Péter Sipos**, Marina Sándor, Maria Borbely, Zoltán Györi, - *Institute of Food Science, Quality Assurance and Microbiology, Centre for Agricultural and Applied Economic Sciences, University of Debrecen, Hungaria*

### **12<sup>30</sup> – 13<sup>30</sup> – Coffee break and posters**

**P<sub>1</sub>** Superoxide Dismutase Activity in the freshwater crustacean *Daphnia magna* exposed to Pb(II)

P. Peppos, **A. Salifoglou**, S. Hadjispyrou - *Laboratory of Inorganic Chemistry, Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece*

**P<sub>2</sub>** Study of aluminum binary systems with phosphonate substrates and their relevance to neurodegeneration

V. Georgantas, **A. Salifoglou** - *Laboratory of Inorganic Chemistry, Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece*

**P<sub>2</sub>** Study of aluminum binary systems with phosphonate substrates and their relevance to neurodegeneration

V. Georgantas, **A. Salifoglou** - *Laboratory of Inorganic Chemistry, Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece*

**P<sub>3</sub>** Incidence of aflatoxins and fumonisins in cereal food from serbian market

Sandra M. Jakšić, **Biljana F. Abramović**, Bojana Z. Prunić, Željko A. Mihaljev, Milica M. Živkov Baloš, Igor M. Jajić, Vesna N. Despotović, Luka J. Bjelica - *Faculty of Science, Department of Chemistry, Biochemistry and Environmental Protection, Novi Sad, Serbia*

**P<sub>4</sub>** Lipolytical changes in Dacia sausage, a Romanian dry cured sausage

**Ana Maria Ciuciu Simion**, Javier Carballo, Petru Alexe - *Department of Biochemistry, Faculty of Food Science and Engineering, Dunarea de Jos University, Galati, Romania*

**P<sub>5</sub>** Technological research on obtaining a new product: Yoghurt with added walnuts and strawberries jam

**Doina - Georgeta Andronoiu**, Elisabeta Botez, Gabriel - Dănuț Mocanu, Oana Nistor, Alexandra Nichiforescu - *University „Dunarea de Jos” – Galati, Faculty Food Science and Engineering, Galati, Romania*

## Scientific Programme: 19-20 May 2011

---

- P<sub>6</sub>** Technological research on obtaining a new product: Yoghurt with added walnuts and strawberries jam  
**Amelia Buculei**, Mariana Ionescu, Ioana Rebenciuc, Gabriela Constantinescu (Pop), Adriana Dabija – *“Stefan cel Mare” University of Suceava, Faculty of Food Engineering, Suceava, Romania*
- P<sub>7</sub>** The Effect of Temperature on Soluble Dietary Fiber Fraction in Cereals  
**Adrian Căpriță**, Rodica Căpriță, Vasile Octavian Simulescu, Raluca Mădălina Drehe – *Banat’s University of Agricultural Sciences and Veterinary Medicine, 300645-Timișoara, Calea Aradului 119, România*
- P<sub>8</sub>** Water Extract Viscosities Correlated with Soluble Dietary Fiber Molecular Weight in Cereals  
**Adrian Căpriță**, Rodica Căpriță, Vasile Octavian Simulescu, Raluca Mădălina Drehe – *Banat’s University of Agricultural Sciences and Veterinary Medicine, 300645-Timișoara, Calea Aradului 119, România*
- P<sub>9</sub>** Evaluation of wheat quality using modern methods  
**Gabriela Constantinescu (Pop)**, Adriana Dabija, Amelia Buculei, Ioana Rebenciuc – *Stefan cel Mare University of Suceava, Faculty of Food Engineering, Suceava, Romania*
- P<sub>10</sub>** Evaluation of cereal cultivar impact on bread quality  
**Gabriela Constantinescu (Pop)**, Adriana Dabija, Amelia Buculei, Ioana Rebenciuc – *Stefan cel Mare University of Suceava, Faculty of Food Engineering, Suceava, Romania*
- P<sub>11</sub>** Evaluating antioxidant capacity and biologically active capacity from savory  
**Adriana Dabija**, Cristina-Gabriela Constantinescu (Pop), Amelia Buculei, Ioana Rebenciuc – *Stefan cel Mare University of Suceava, Faculty of Food Engineering, Suceava, Romania*
- P<sub>12</sub>** Experimental studies concerning obtaining some wine cooler products  
**Adriana Dabija**, Cristina-Gabriela Constantinescu (Pop), Amelia Buculei, Ioana Rebenciuc – *Stefan cel Mare University of Suceava, Faculty of Food Engineering, Suceava, Romania*
- P<sub>13</sub>** Physico-chemical characterization of some fruits juices from Romanian hypermarket fruit  
**Laura Corpaș**, Ariana-Bianca Velciov, Adi Riviș, Lucia Olariu, Corina Graviță, Mirela Ahmadi - *Faculty of Food Products Technology, Banat’s University of Agricultural Sciences and Veterinary Medicine Timisoara, Timisoara, Romania*
- P<sub>14</sub>** Barley grain infection with *Fusarium sp.*  
**Jasenka Cosic**, Jelena Postic, Karolina Vrandecic, Drazenka Jurkovic, Brankica Svitlica- *Faculty of Agriculture in Osijek, 31000 Osijek, Trg sv. Trojstva 3, Croatia*

## Scientific Programme: 19-20 May 2011

---

- P<sub>15</sub>** Effect of heating on rheological characteristics of some romanian edible vegetable oils  
**Diana Nicoleta Raba**, Mirela Viorica Popa, Camelia Moldovan, Delia Gabriela Dumbravă, C. Mateescu - *Faculty of Food Processing Technology, Banat's University of Agricultural Sciences and Veterinary Medicine, Calea Aradului no.119, RO-300645, Timisoara, Romania*
- P<sub>16</sub>** Determination by dsc analysis of the influence of ph on meat proteins  
**Olga Drăghici**- *Lucian Blaga University from Sibiu, Faculty of Agricultural Sciences, Food Industry and Environmental Protection, 550012, Sibiu, Romania*
- P<sub>17</sub>** Evolution of polyphenols during the maceration of the red grapes  
**Liliana Drăghici**, Gabriela Râpeanu - *Colegiul Tehnic de Industrie Alimentara "Dumitru Moșoc", București, Romania*
- P<sub>18</sub>** Antioxidant activity of some fresh vegetables and fruits juices  
**Delia – Gabriela Dumbravă**, Nicoleta-Gabriela Hădăruță, Camelia Moldovan, Diana- Nicoleta Raba, Mirela -Viorica Popa - *University of Agricultural Sciences and Veterinary Medicine of Banat Timișoara, Food Technology Faculty, 119 A, Aradului street, 300645, Timișoara, Romania*
- P<sub>19</sub>** Determination of some of the quality parameters for honey produced in Timis County and commercialized in the local market  
**Gheorghiuța Simion**, Daniela Micu, Alexandra Trif, Lăcrămioara Damiescu - *Sanitary Veterinary and Food Safety Directorate, Timș, Martir Caceu No. 4, 300585, Timișoara, Romania*
- P<sub>20</sub>** Probiotics versus antibiotics in the treatment of hepatic encephalopathy in cirrhotic patients  
**D. Georgescu**, D. Radu, N. Basa, I. Musta, C. Gurban - *University of Medicine and Pharmacy "V.Babes", Timisoara, Romania*
- P<sub>21</sub>** The Linearity Assumption For Soiland Plants Concentration of Natural Radionuclides  
**Mihaela Bragea**, Ioan Gogoășă, Monica Hărmănescu, Despina Bordeanand, Iosif Gergen - *Regional Centre of Public Health, V. Babeș 16, 300226, Timisoara, Romania*
- P<sub>22</sub>** Preliminary research concerning the distribution of copper in the soil and vegetables in historical anthropic pollution (Caras-Severin County, Romania)  
**Ioan Gogoasa**, Iosif Gergen, Gabriela Oprea, Despina Bordean, Liana Alda, Diana Moigrădean, Mihaela Bragea - *University of Agricultural Sciences and Veterinary Medicine of Banat, 300645, Calea Aradului 119, Timisoara, România*
- P<sub>23</sub>** Separating and identifying pesticides in milk through thin layer chromatography and mass spectrometry  
**Olivia Florena Măruțoiu**, Ioan Gogoășă, Maria Tofană, Constantin Măruțoiu, Narcis Băghină, Ioan Gergen, Maria Rada - *„Babes-Bolyai” University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania*

## Scientific Programme: 19-20 May 2011

---

- P<sub>24</sub>** A study regarding the slowing of the degradation process of the pastry products by packing them in active atmosphere  
**Ioana Rebenciuc**, Amelia Buculei, Gabriela Constantinescu (Pop), Adriana Dabija, Mariana Ionescu - *Stefan cel Mare University of Suceava, Faculty of Food Engineering, Suceava, Romania*
- P<sub>25</sub>** Influence of post - mortem treatment with proteolytic enzymes on tenderness of beef muscle  
**Daniela Istratia**, Camelia Vizireanu, Rodica Dinică - *Dunarea de Jos University of Galati, Faculty of Food Science and Engineering, 111 Domneasca Street, 800008, Romania*
- P<sub>26</sub>** Influence of vacuum packaging on quality of beef muscle after different tenderization methods  
**Daniela Istratia**, Camelia Vizireanu, Rodica Dinică - *Dunarea de Jos University of Galati, Faculty of Food Science and Engineering, 111 Domneasca Street, 800008, Romania*
- P<sub>27</sub>** The use of commercial enzymes in white grape must clarification  
**Nicolae Laurențiu Itu**, Gabriela Râpeanu - *S.C. Vinex Murfatlar S.R.L., 1 Cochirleni Str., Cernavodă, Romania*
- P<sub>28</sub>** Modeling temperature dependence of honey viscosity with Arrhenius model  
Cristina Vutas, **Constantin Mateescu** - *University of Agricultural Sciences and Veterinary Medicine of Banat, 300645, Calea Aradului 119, Timisoara, România*
- P<sub>29</sub>** Technological effects of some xylanolytic preparation on black flour  
**Mihai Ognean\***, Claudia-Felicia Ognean - *Lucian Blaga" University from Sibiu, The Faculty of Agricultural Sciences, Food Industry and Environmental Protection, 5-7, Ion Rațiu Street, Sibiu, 550012, Romania*
- P<sub>30</sub>** Effects of dietary alpha-tocopheryl acetate on alpha-tocopherol content of novel omega-3-enhanced farmed rainbow trout (*oncorhynchus mykiss*) fillets  
**G.L.Mihalca**, O. Tița, Mihaela Tița, Ana Mihalca - *"Lucian Blaga" University, 550012, Str. Ion Rațiu, Nr.5-7, Sibiu, România*
- P<sub>31</sub>** Effects of dietary alpha-tocopheryl acetate on lipid oxidation farmed rainbow trout (*oncorhynchus mykiss*) fillets  
**G.L.Mihalca**, O. Tița, Mihaela Tița, Ana Mihalca - *"Lucian Blaga" University, 550012, Str. Ion Rațiu, Nr.5-7, Sibiu, România*
- P<sub>32</sub>** Polycyclic aromatic hydrocarbons (PAHs) in smoked fish from three smoke-houses in Brașov county  
**G.L.Mihalca**, O. Tița, Mihaela Tița, Ana Mihalca - *"Lucian Blaga" University, 550012, Str. Ion Rațiu, Nr.5-7, Sibiu, România*
- P<sub>33</sub>** Investigations on wastewaters at potato processing and starch recovery and characterisation  
**Mironescu Monica** - *Faculty of Agricultural Sciences, Food Industry and Environmental Protection, "Lucian Blaga" University of Sibiu, Romania*

## Scientific Programme: 19-20 May 2011

---

- P<sub>34</sub>** Quality control of raw cow milk from Galati county  
**Danut Mocanu**, Doina Andronoiu, Oana Nistor, Elisabeta Botez - *University „Dunarea de Jos”– Galati, Faculty Food Science and Engineering, Galati, Romania*
- P<sub>35</sub>** Determination of antioxidant capacity for some products based on wine and medicinal plants  
Gabriela Vlasceanu, **Danut Mocanu** - *University „Dunarea de Jos”– Galati, Faculty Food Science and Engineering, Galati, Romania*
- P<sub>36</sub>** Membrane bioreactor concept with potential use in food biotechnology  
**George Moise** - *University „Dunarea de Jos”– Galati, Faculty Food Science and Engineering, Galati, Romania*
- P<sub>37</sub>** Opportunities to use of self pressurized membrane bioreactors in food industry  
**George Moise** - *University „Dunarea de Jos”– Galati, Faculty Food Science and Engineering, Galati, Romania*
- P<sub>38</sub>** Study of the apple parameters' variation during refrigeration storage  
**Oana – Viorela Nistor**, Elisabeta Botez, Gabriel – Dănuț Mocanu, Doina – Georgeta Andronoiu, Viorica Maria Macovei - *Bioengineering Department, Food Science and Engineering Faculty, „Dunarea de Jos” University, 111 Domneasca Street, 800201, Galati, Romania*
- P<sub>39</sub>** Investigation on mechanical and textural properties of apples during refrigeration storage  
**Oana – Viorela Nistor**, Elisabeta Botez, Doina – Georgeta Andronoiu, Gabriel – Dănuț Mocanu - *Bioengineering Department, Food Science and Engineering Faculty, „Dunarea de Jos” University, 111 Domneasca Street, 800201, Galati, Romania*
- P<sub>40</sub>** The traceability of copper and zinc in some vegetables from old miner activity area in Baia Mare, NW Romania  
**Gabriela Oprea**, Cristina Mihali, Angela Michnea, Marin Șenilă, Lucia Mihalescu, Oana Mare - *North University of Baia Mare, 430083, Baia Mare, 62/A dr. V. Babes street, Romania*
- P<sub>41</sub>** Research on improving the quality of flour pastas obtained from flour from soft grain of a lower quality  
**Diana-Simina Nanu-Pacurar**, Ioan Danciu - *“Lucian Blaba” University of Sibiu, Romania*
- P<sub>42</sub>** Physico-chemical, microbiological and sensory characteristics of a fermented dairy product containing brewer's yeast  
**Adriana Păucean**, Mirela Ana-Maria Jimborean, Dan Cristian Vodnar, Elena Mudura - *Dept. of Food Science and Technology, Faculty of Agriculture, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania*

## Scientific Programme: 19-20 May 2011

---

- P<sub>43</sub>** *Alternaria alternata* prevalence in wheat from Transylvania  
**Simona Man**, Maria Tofana, Sevastița Muste, Mihaela Ancuta Rotar, Carmen Lazar - *University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur street, 3400, Cluj-Napoca, Romania*
- P<sub>44</sub>** The effect of pH and thermal treatment on some functional properties of whey proteins hydrolysates as measured by fluorescence spectroscopy  
Alina Hînțoiu, Gabriela Râpeanu, Silviu Stanciu, **Nicoleta Stănciuc** - “*Dunărea de Jos*” *University of Galați, Faculty of Food Science and Engineering, 111 Domneasca Street, 800201, Galati, Romania*
- P<sub>45</sub>** Estimation of DPPH (2,2-diphenyl-1-picrylhydrazyl) radical scavenging activity and total reducing power of grape-based beverages  
Sturza Rodica, **Zugravii Elena** - *State Agrarian University of Moldova, MD 2049, Chisinau, Mircești str.,44, Republic of Moldova*
- P<sub>46</sub>** The evolution of wines during their maturation in the viticultural centre of Jidvei – Tarnave vineyard  
**Maria Cristina Tana**, Maria Cosmina Marginean, Ovidiu Tita - “*Lucian Blaga*” *University of Sibiu, Faculty of Agricultural and Food Industry and Environmental Protection, 7 – 9 Dr. I. Ratiu street, 550012, Sibiu, Romania*
- P<sub>47</sub>** Anthocyanins composition, total phenolics and antioxidant activities of some fruits extracts from *Prunus* genus  
**Mariana Nela Ștefănuț**, Adina Căta, Raluca Pop, Cristian Tănasie, Daniel Boc - *National Institute of Research and Development for Electrochemistry and Condensed Matter, Dr. A. P. Podeanu 144, 300569 Timișoara, Romania*
- P<sub>48</sub>** Climate conditions for the years 2009 and 2010  
**Maria Cosmina Marginean**, Maria Cristina Tana, Tita Ovidiu - *National Institute of Research and Development for Electrochemistry and Condensed Matter, Dr. A. P. Podeanu 144, 300569 Timișoara, Romania*

The XVII<sup>th</sup> Edition of the SYMPOSIUM  
Food Science, Processes, and Technologies  
"NEW TRENDS IN FOOD SAFETY AND PROCESSING"

2<sup>nd</sup>. Day – 20 May 2011

12<sup>30</sup> – 13<sup>30</sup> – Coffee break and posters

- SP<sub>1</sub>** Characterization of sour cherries (*Prunus cerasus*) kernel oil cultivars from Banat  
**Viorica-Mirela Popa**, Corina Misca, Despina Bordean, Diana-Nicoleta Raba, D. Stef, Delia Dumbrava - *Banat's University of Agricultural Sciences and Veterinary Medicine, 300645- Timisoara, Calea Aradului, 119, Romania*
- SP<sub>2</sub>** Nutritional disease: bowel conditions and diseases  
**Daniela Radu**, Adriana Marinescu, M.S. Teodorescu - *Surgical Clinic I of County Emergency Hospital Timisoara, University of Medicine & Pharmacy "V.Babes" Timisoara, 10-th. Bulbuca- Av, Romania*
- SP<sub>3</sub>** Researches regarding the influence of raw materials on economical, technical and qualitative parameters of a certain semi-smoked sausage assortment manufactured by the traditional and modern technology  
**C. D. Sălăgean**, D. Țibulcă, Mirela Jimborean, Rowena - Ana Cheleman - *S University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur Street, 400372 Cluj-Napoca, Romania*
- SP<sub>4</sub>** Researches regarding the origine, influence and levels of nitrite and nitrat from meat products  
**C. D. Sălăgean**, D. Țibulcă, Mirela Jimborean, Rowena - Ana Cheleman - *University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur Street, 400372 Cluj-Napoca, Romania*
- SP<sub>5</sub>** Influence of the storage conditions on physicochemical parameters of infant formula  
**Semeniuc A. Cristina**, Muste Sevastița, Rotar M. Ancuța, Suharoschi Ramona, Tofană Maria - *University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Address – 400372 –Cluj-Napoca, Mănăștur Street, number 3-5, România*
- SP<sub>6</sub>** Microbiological Quali of Water Used in Soft Drinks Production in Hunedoara County  
**Claudiu Nicolae Șimonai**, Maria Mihaela Balint - *Hunedoara Company of Tourism, Deva, Romania*
- SP<sub>7</sub>** Researches concerning proteins content and proteic scindation indices evolution of some semi-hard cheeses during ripening  
**Mirela Jimborean**, D. Țibulcă, Cristina Anamaria Semeniuc, Adriana Păucean, Aurora Țibulcă - *University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur Street, 3400 Cluj-Napoca, Romania*

## Scientific Programme: 19-20 May 2011

---

- SP<sub>8</sub>** Researches concerning variation of some physico-chemical parameters of raw milk used to obtain semi-hard cheeses  
**Mirela Jimborean**, D. Țibulcă, Cristina Anamaria Semeniuc, Adriana Păucean, D. Sălăgean, Aurora Țibulcă - *University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur Street, 3400 Cluj-Napoca, Romania*
- SP<sub>9</sub>** Deoxygenation of red wine by treatment with nitrogen  
Gr. Musteață, V. Popov, **S. Ursu** - *Technical University of Moldova, 168 Ștefan cel Mare Str., MD-2004, Chișinău, Republic of Moldova*
- SP<sub>10</sub>** Functional properties of sodium caseinate hydrolysates as affected by the extent of chymotrypsinolysis  
**Daniela Pralea**, Loredana Dumitrascu, Daniela Borda, Nicoleta Stănciuc - *"Dunărea de Jos" University of Galați, Faculty of Food Science and Engineering, 111 Domneasca Street, 800201, Galati, Romania*
- SP<sub>11</sub>** Savory snacks and chips in Romania: are salt load and daily intake arguments for a reformulation effort?  
**Corina –Aurelia Zugravu**, Monica Parvu, Daniela Patrascu, Anca Stoian-Pantea - *National Institute of Public Health, Bucharest, Romania*
- SP<sub>12</sub>** Synthesis, structural and spectroscopic characterization of unusual ternary dinuclear tetraperoxo vanadium (V)-glycine complexes  
C. Gabriel, **A. Salifoglou** - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki 54124, Greece*
- SP<sub>13</sub>** Synthesis, Spectroscopic and Structural Studies of New Binary Cr(III)-Citrate pH-Specific Structural Variants from Aqueous Media  
Catherine Gabriel, C. Mateescu, **A. Salifoglou** - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki 54124, Greece*
- SP<sub>14</sub>** D-(-)-Quinic acid: an efficient physiological metal ion ligand  
Melita Menelaou, C. Mateescu, **A. Salifoglou** - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki 54124, Greece*
- SP<sub>15</sub>** 1D-3D Pb(II)-Organic Lattice Assemblies through Chemical Reactivity and Pb(II)-Assisted Ligand Transformations  
C. Gabriel, **A. Salifoglou** - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki 54124, Greece*
- SP<sub>16</sub>** Hybrid Links between Decavanadates and Betaines of Potential Pharmacological Relevance  
E. Kioseoglou, **A. Salifoglou** - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki 54124, Greece*
- SP<sub>17</sub>** Metal ion interactions with the minisatellite DNA of H-ras oncogene  
Savvas Petanidis, **Athanasios Salifoglou** - *Department of Chemical Engineering, Aristotle University of Thessaloniki, Thessaloniki 54124, Greece*

## Scientific Programme: 19-20 May 2011

---

- SP<sub>18</sub>** Monitoring of the nitrofurans residues in honey bees from Timis County in the period 2007-2009  
**Gheorghia Simion**, Lăcrămioara Damiescu, Alexandra Trif - *Sanitary Veterinary and Food Safety Directorate, Timiș, Martir Caceu No.4, 300585, Timișoara, Romania*
- SP<sub>19</sub>** Use of NIRS technology for setting the optimal wheat-triticale ratio to improve the nutritional value of bakery products influenced by technological and biological factors  
**Anamaria Birou**, Sevastița Muste, Simona Man, Carmen Chircu, Elena Andra Cerbu - *University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur street, 3400, Cluj-Napoca, Romania*
- SP<sub>20</sub>** Monitoring the quality and hygiene of processed milk from Bistrița-Năsăud county  
**Dorin Țibulcă**, Mirela Jimborean, Claudiu Dan Sălăgean, Rowena Cheleman, Aurora Țibulcă, Maria Crăciun- *University of Agricultural Sciences and Veterinary Medicine, Faculty of Agriculture, 3-5 Mănăștur street, 3400, Cluj-Napoca, Romania*